BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF MARRIAGE COMMUNITY HALL CHIKKABETTAHALLI VILLAGE IN WARD NO-03 OF YELAHANKA ASSEMBLY CONSTITUENCY

MODIFIED ESTIMATE

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
1	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removaL of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications. I. By Manual Means: A. In area of light jungle.								
	rectangle	ha	1	15.00	28.00		420		
	triangle	ha	1	8.00	28.00		112.00		
	semi-circle	ha	1	78.70			78.70		
							611		
						Total	**0.61**	**58067.00**	**35420.87**
2	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.								
	compacting ground								
	rectangle	cum	1	15.00	28.00	0.30	126.00		
	triangle	cum	1	8.00	28.00	0.30	33.60		
	semi-circle	cum	1	78.70		0.30	23.61		
						Total	**183.21**		
						Quantity Limited to	**183.00**	**6.00**	**1098**
3	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.								
	rectangle	cum	1	15.00	28.00	0.30	126.00		
	triangle	cum	1	8.00	28.00	0.30	33.60		
	circular	cum	1	78.70		0.30	23.61		
						Total	**183.21**		
						Quantity Limited to	**183.00**	**186.00**	**34038**
4	KSRB 2-2.2: Earthwork excavation by manual means for foundation of buildings,water supply,sanitary lines and electrical conduits either in pis or in trenches1.5m and above in width,in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits & trenches ,stacking the excavated soil clear from the edges of excavation with lead upto 50m after breaking of clods complete as per specifications. specification No.KBS2.1(b) /2.3.5								
	Not Executed								
5	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the								
	Footing								
	A3	cum	1	3.00	3.00	0.15	1.35		
	A5	cum	1	2.90	2.30	0.15	1.00		
	B3	cum	1	3.00	3.00	0.15	1.35		
	B5	cum	1	2.90	2.30	0.15	1.00		
	C5	cum	1	2.90	2.30	0.15	1.00		
	C5	cum	1	2.90	2.30	0.15	1.00		

	C5	cum	1	2.00	2.30	0.45	2.07		
	C5	cum	1	2.00	2.30	0.45	2.07		
	D1	cum	1	2.00	2.30	0.45	2.07		
	D2	cum	1	3.00	2.70	0.60	4.86		
	D3	cum	1	3.00	2.70	0.60	4.86		
	D4	cum	1	3.00	2.70	0.60	4.86		
	D5	cum	1	2.00	2.30	0.45	2.07		
	E1	cum	1	2.00	2.30	0.45	2.07		
	E2	cum	1	2.40	2.70	0.50	3.24		
	E3	cum	1	2.40	2.70	0.50	3.24		
	E4	cum	1	2.40	2.70	0.50	3.24		
	E5	cum	1	2.00	2.30	0.45	2.07		
	B6	cum	1	1.40	1.40	0.40	0.78		
	C6	cum	2	1.40	1.40	0.40	1.57		
	D6	cum	1	1.40	1.40	0.40	0.78		
	Mass concreting								
	A1	cum	1	3.80	3.10	0.30	3.53		
	A2	cum	1	3.00	3.30	0.30	2.97		
	A4	cum	1	3.00	3.20	0.25	2.40		
	B1	cum	1	3.10	3.80	0.30	3.53		
	B2	cum	1	3.00	3.30	0.30	2.97		
	B4	cum	1	3.00	3.20	0.30	2.88		
	C1	cum	1	2.00	2.40	0.15	0.72		
	D1	cum	1	2.50	2.30	0.30	1.73		
	D2	cum	1	3.00	2.80	0.30	2.52		
	D3	cum	1	3.05	3.30	0.30	3.02		
	E1	cum	1	2.50	2.30	0.30	1.73		
	E5	cum	1	2.90	2.30	0.45	3.00		
	E2	cum	1	2.40	1.50	1.20	4.32		
		cum	1	2.40	1.15	0.30	0.83		
	Pedestal								
	A1	cum	1	0.40	0.70	2.80	0.78		
	A2	cum	1	0.50	0.80	2.42	0.97		
	A3	cum	1	0.50	0.80	2.50	1.00		
	A4	cum	1	0.50	0.80	0.95	0.38		
	A5	cum	1	0.40	0.70	2.26	0.63		
	B1	cum	1	0.40	0.70	2.95	0.83		
	B2	cum	1	0.50	0.80	2.21	0.88		
	B3	cum	1	0.50	0.80	2.23	0.89		
	B4	cum	1	0.50	0.80	0.78	0.31		
	B5	cum	1	0.40	0.70	1.96	0.55		
	C1	cum	1	0.40	0.70	2.45	0.69		
	C5	cum	1	0.40	0.70	1.96	0.55		

	C5	cum	1	0.40	0.70	1.80	0.50		
	D1	cum	1	0.40	0.70	2.40	0.67		
	D2	cum	1	0.50	0.80	2.35	0.94		
	D3	cum	1	0.50	0.80	1.54	0.62		
	D4	cum	1	0.50	0.80	1.55	0.62		
	D5	cum	1	0.40	0.70	1.73	0.48		
	E1	cum	1	0.40	0.70	2.32	0.65		
	E2	cum	1	0.50	0.80	1.50	0.60		
	E3	cum	1	0.50	0.80	1.85	0.74		
	E4	cum	1	0.50	0.80	1.57	0.63		
	E5	cum	1	0.40	0.70	0.60	0.17		
	B6	cum	1	0.25		0.60	0.15		
	C6	cum	2	0.25		0.60	0.30		
	D6	cum	1	0.25		0.60	0.15		
						Total	**126.34**		
						Qty upto 125%	**86.90**	**7390.00**	**642191.00**
						Qty above 125%	**39.64**	**7386.52**	**292801.53**
	Basic rate	6221.00							
	8%Weightage	497.68							
	Total Rs.	6718.68							
	9.94% TP	667.84							
	Net Total Rs.	7386.52							
7	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layers by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications.								
	Not Executed								
8	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:8, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.								
	For SSM								
	Along Grid 1-1	cum	1	9.85	0.45	1.10	4.87		
	Along Grid 2-2	cum	1	9.65	0.45	1.10	4.77		
	Along Grid 3-3	cum	1	9.65	0.45	1.10	4.77		
	Along Grid 4-4	cum	1	9.85	0.45	1.10	4.87		
	Along Grid A1-E1	cum	1	5.90	0.45	1.10	2.92		
	Along Grid A5-E5	cum	1	3.60	0.45	1.10	1.78		
	Between grid 1-2 &4-3	cum	6	0.60	0.45	1.10	1.78		
	Between grid A-B	cum	1	3.30	0.60	1.50	2.97		
	Between grid D-E	cum	1	4.70	0.60	1.50	4.23		
	Between grid D-E	cum	1	3.70	0.60	1.50	3.33		
	Between grid D-E	cum	1	9.60	0.60	1.50	8.64		
	Between grid D-E	cum	6	1.40	0.60	1.50	7.56		
	Between grid D-E	cum	8	1.20	0.60	1.50	8.64		
	For staircase								
	entrance staircase	cum	2	1.80	0.80	0.75	2.16		
	inside staircase	cum	1	1.20	0.60	0.75	0.54		
	front staircase	cum	1	3.00	0.60	0.75	1.35		

						Total	65.20		
						Qty upto 125%	42.95	4795.00	205945.25
						Qty above 125%	22.25	4793.34	106651.82
	Basic rate	4037.00							
	8%Weightage	322.96							
	Total Rs.	4359.96							
	9.94% TP	433.38							
	Net Total Rs.	4793.34							
9	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (Ground Floor)								
	plinth beam								
	Along Grid 1-1	cum	1	20.85	0.20	0.50	2.08		
	Along Grid 2-2	cum	1	20.85	0.20	0.50	2.08		
	Along Grid 3-3	cum	1	20.85	0.20	0.50	2.08		
	Along Grid 4-4	cum	1	20.85	0.20	0.50	2.08		
	Along Grid A1-E1	cum	1	15.10	0.20	0.50	1.51		
	Along Grid A5-E5	cum	1	15.10	0.20	0.50	1.51		
	Between grid 1-2 &4-	cum	6	3.30	0.20	0.50	1.98		
	Between grid 5-6	cum	2	2.40	0.20	0.50	0.48		
	Between grid 5-6	cum	2	3.60	0.20	0.50	0.72		
	plinth beam PB								
	bathroom								
		cum	1	4.5	0.15	0.45	0.3		
		cum	7	1.15	0.15	0.45	0.5		
		cum	2	0.58	0.15	0.45	0.1		
		cum	1	3.5	0.15	0.45	0.2		
		cum	2	9.4	0.15	0.45	1.3		
	kitchen								
		cum	1	8.25	0.15	0.45	0.6		
		cum	1	2.8	0.15	0.45	0.2		
	Deduction								
	Columns								
	Along Grid 1-1	cum	4	0.20	0.50	0.50	-0.20		
	Along Grid 2-2	cum	4	0.20	0.60	0.50	-0.24		
	Along Grid 3-3	cum	4	0.20	0.60	0.90	-0.43		
	Along Grid 4-4	cum	4	0.20	0.50	0.90	-0.36		
	Along Grid A1-E1	cum	4	0.20	0.50	0.90	-0.36		
	Along Grid A5-E5	cum	5	0.20	0.50	0.90	-0.45		
	Between grid 1-2 &4-	cum	6	0.20	0.50	0.90	-0.54		
	column upto ground level								
	A1	cum	1	0.2	0.5	2.80	0.28		
	A2	cum	1	0.2	0.5	2.42	0.24		

	A3	cum	1	0.2	0.5	2.50	0.25		
	A4	cum	1	0.2	0.5	0.95	0.10		
	A5	cum	1	0.2	0.5	2.26	0.23		
	B1	cum	1	0.2	0.6	2.95	0.35		
	B2	cum	1	0.2	0.6	2.21	0.27		
	B3	cum	1	0.2	0.6	2.23	0.27		
	B4	cum	1	0.2	0.6	0.78	0.09		
	B5	cum	1	0.2	0.6	1.96	0.24		
	C1	cum	1	0.2	0.5	2.45	0.25		
	C5	cum	1	0.2	0.5	1.96	0.20		
	C5	cum	1	0.2	0.5	1.80	0.18		
	D1	cum	1	0.2	0.6	2.40	0.29		
	D2	cum	1	0.2	0.6	2.35	0.28		
	D3	cum	1	0.2	0.6	1.54	0.18		
	D4	cum	1	0.2	0.6	1.55	0.19		
	D5	cum	1	0.2	0.6	1.73	0.21		
	E1	cum	1	0.2	0.5	2.32	0.23		
	E2	cum	1	0.2	0.5	1.50	0.15		
	E3	cum	1	0.2	0.5	1.85	0.19		
	E4	cum	1	0.2	0.5	1.57	0.16		
	E5	cum	1	0.2	0.5	0.60	0.06		
	B6	cum	1		0.13	0.60	0.08		
	C6	cum	2		0.13	0.60	0.15		
	D6	cum	1		0.13	0.60	0.08		
	columns								
	A1	cum	1	0.2	0.5	3.00	0.30		
	A2	cum	1	0.2	0.5	3.00	0.30		
	A3	cum	1	0.2	0.5	3.00	0.30		
	A4	cum	1	0.2	0.5	3.00	0.30		
	A5	cum	1	0.2	0.5	3.00	0.30		
	B1	cum	1	0.2	0.6	3.00	0.36		
	B2	cum	1	0.2	0.6	3.00	0.36		
	B3	cum	1	0.2	0.6	3.00	0.36		
	B4	cum	1	0.2	0.6	3.00	0.36		
	B5	cum	1	0.2	0.6	3.00	0.36		
	C1	cum	1	0.2	0.5	3.00	0.30		
	C5	cum	1	0.2	0.5	3.00	0.30		
	C5	cum	1	0.2	0.5	3.00	0.30		
	D1	cum	1	0.2	0.6	3.00	0.36		
	D2	cum	1	0.2	0.6	3.00	0.36		
	D3	cum	1	0.2	0.6	3.00	0.36		
	D4	cum	1	0.2	0.6	3.00	0.36		
	D5	cum	1	0.2	0.6	3.00	0.36		
	E1	cum	1	0.2	0.5	3.00	0.30		
	E2	cum	1	0.2	0.5	3.00	0.30		

	E3	cum	1	0.2	0.5	3.00	0.30		
	E4	cum	1	0.2	0.5	3.00	0.30		
	E5	cum	1	0.2	0.5	3.00	0.30		
	B6	cum	1		0.13	3.00	0.38		
	C6	cum	2		0.13	3.00	0.75		
	D6	cum	1		0.13	3.00	0.38		
	Staircase								
	Waist slab	cum	2	1.20	2.40	0.20	1.15		
		cum	1	1.20	0.60	0.20	0.14		
	Rise and threads	cum	20	1.20		0.02	0.54		
				triangular area 0.5*0.3*0.15=0.022					
	landing	Sqm	2	1.20	1.20	0.15	0.43		
	Entrance Staircase								
	Waist slab	cum	2	4.20	1.80	0.20	3.02		
	mid way waist slab	cum	1	3.40	1.80	0.20	1.22		
	Rise and threads	cum	28	1.80		0.02	1.13		
	mid way flight rise and threads	cum	7	3.40		0.02	0.54		
				triangular area 0.5*0.3*0.15=0.022					
	landing	cum	1	3.40	1.40	0.15	0.71		
		cum	1	3.60	1.80	0.15	0.97		
	Entrance Staircase bank								
		cum	2	1.80	0.80	1.30	3.74		
	front staircase								
	steps	cum	1	3.00	0.30	0.30	0.27		
		cum	1	3.00	0.30	0.15	0.14		
	landing	cum	1	3.00	1.20	0.15	0.54		
	Roof slab								
		cum	1	20.80	15.10	0.11	34.55		
	deduction								
	staircase	cum	1	3.30	3.30	0.11	-1.20		
	Roof Beams								
	FB1								
	Along grid 4	cum	1	20.85	0.2	0.50	2.09		
	Along grid 1	cum	1	20.85	0.2	0.50	2.09		
	Between grid 2-3	cum	3	20.85	0.2	0.50	6.26		
	FB2								
	Along grid 2-2	cum	1	20.85	0.2	0.50	2.09		
	Along grid 3-3	cum	1	20.85	0.2	0.50	2.09		
	FB3								
	Along grid A1-E1	cum	1	15.10	0.2	0.50	1.51		
	FB5								
	Along grid A2-E2	cum	1	15.10	0.3	0.60	2.72		
	Along grid A3-E3	cum	1	15.10	0.3	0.60	2.72		

	Along grid A4-E4	cum	1	15.10	0.3	0.60	2.72		
	FB4								
	Along grid A5-E5	cum	1	15.10	0.2	0.50	1.51		
	FB6								
	staircase beam	cum	1	3.3	0.2	0.6	0.40		
	entrance staircase								
	SB1	cum	2	1.8	0.4	0.27	0.39		
	SB2	cum	1	3.4	0.4	0.35	0.48		
	Lintels								
	Through Lintel								
	Along grid 1-1	cum	1	20.85	0.20	0.200	0.83		
	Along grid 4-4	cum	1	20.85	0.20	0.200	0.83		
	Along Grid A1-E1	cum	1	15.10	0.20	0.200	0.60		
	Along Grid A5-E5	cum	1	15.10	0.20	0.200	0.60		
	Deductions								
	Column								
	Along Grid 1-1	cum	4	0.20	0.60	0.20	-0.10		
	Along Grid 4-4	cum	4	0.20	0.60	0.20	-0.10		
	Along Grid A1-E1	cum	4	0.20	0.60	0.20	-0.10		
	Along Grid A5-E5	cum	5	0.20	0.60	0.20	-0.12		
	Cut lintel								
	D	Sqm	2	1.80	0.2	0.20	0.14		
	D1	Sqm	4	0.90	0.2	0.20	0.14		
	D2	Sqm	4	0.75	0.2	0.20	0.12		
						Total	**107.14**		
						Qty upto 125%	**107.14**	**7564.0**	**810444.70**
10	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (First Floor)									
	A1	cum	1	0.2	0.5	2.5	0.3		
	A2	cum	1	0.2	0.5	2.5	0.3		
	A3	cum	1	0.2	0.5	2.5	0.3		
	A4	cum	1	0.2	0.5	2.5	0.3		
	A5	cum	1	0.2	0.5	2.5	0.3		
	B1	cum	1	0.2	0.6	2.5	0.3		
	B2	cum	1	0.2	0.6	2.5	0.3		
	B3	cum	1	0.2	0.6	2.5	0.3		
	B4	cum	1	0.2	0.6	2.5	0.3		
	B5	cum	1	0.2	0.6	2.5	0.3		
	C1	cum	1	0.2	0.5	2.5	0.3		
	C5	cum	1	0.2	0.5	2.5	0.3		
	C5	cum	1	0.2	0.5	2.5	0.3		
	D1	cum	1	0.2	0.6	2.5	0.3		
	D2	cum	1	0.2	0.6	2.5	0.3		

	D3	cum	1	0.2	0.6	2.5	0.3		
	D4	cum	1	0.2	0.6	2.5	0.3		
	D5	cum	1	0.2	0.6	2.5	0.3		
	E1	cum	1	0.2	0.5	2.5	0.3		
	E2	cum	1	0.2	0.5	2.5	0.3		
	E3	cum	1	0.2	0.5	2.5	0.3		
	E4	cum	1	0.2	0.5	2.5	0.3		
	E5	cum	1	0.2	0.5	2.5	0.3		
	B6	cum	1	0.13		2.7	0.3		
	C6	cum	2	0.13		2.7	0.7		
	D6	cum	1	0.13		2.7	0.3		
	Roof Beams								
	FB1								
	Along grid 4	cum	1	21.00	0.2	0.50	2.10		
	Between grid 3-4	cum	1	21.00	0.2	0.50	2.10		
	Beyond grid 4	cum	1	21.00	0.2	0.50	2.10		
	Along grid 1	cum	1	21.00	0.2	0.50	2.10		
	Between grid 1-2	cum	1	18.45	0.2	0.50	1.85		
	Beyond grid 1	cum	1	21.00	0.2	0.50	2.10		
	FB2								
	Along grid 2-2	cum	1	21.00	0.2	0.50	2.10		
	Along grid 3-3	cum	1	21.00	0.2	0.50	2.10		
	FB3								
	Along grid A5-E5	cum	1	19.10	0.2	0.50	1.91		
	FB4								
	Along grid A1-E1	cum	1	19.10	0.2	0.50	1.91		
	FB5								
	Along grid A4-E4	cum	1	19.10	0.3	0.60	3.44		
	FB6								
	Along grid A2-B2	cum	1	5.52	0.30	0.60	0.99		
	Along grid D2-E2	cum	1	5.52	0.30	0.60	0.99		
	Along grid A3-B3	cum	1	5.52	0.30	0.60	0.99		
	Along grid D3-E3	cum	1	5.52	0.30	0.60	0.99		
	FB6S								
	Btw A2-B2_A3-B3	cum	1	3.3	0.2	0.5	0.33		
	FB7								
	Btw 2-3	cum	1	8.5	0.2	0.6	1.02		
	PRB1	cum	2	5.2	0.4	0.3	1.25		
	PRB1	cum	1	3.8	0.4	0.3	0.46		
	CB	cum	1	3.8	0.4	0.15	0.23		
	roof slab	cum	1	21.05	19.00	0.11	43.99		
	deductions								
	for staircase	cum	1	3.60	3.30	0.11	-1.31		
	cutout	cum	1	16.3	8	0.11	-14.34		
	Staircase								
	Waist slab	cum	2	1.20	2.40	0.20	1.152		
		cum	1	1.20	0.60	0.20	0.144		
	Rise and threads	cum	20	1.20		0.02	0.54		
			triangular area 0.5*0.3*0.15=0.022						
	landing	cum	2	1.20	1.20	0.15	0.432		
	roof slab	cum	1	5.3	3.40	0.15	2.703		
	Lintels								
	Through Lintel								
	Along grid 1-1	cum	1	21.00	0.20	0.200	0.84		
	Along grid 4-4	cum	1	21.00	0.20	0.200	0.84		
	Along Grid A1-E1	cum	1	15.10	0.20	0.200	0.6		
	Along Grid A5-E5	cum	1	15.10	0.20	0.200	0.6		

	Deductions									
	Column									
	Along Grid 1-1	cum	4	0.20	0.20	0.20	-0.03			
	Along Grid 4-4	cum	4	0.20	0.20	0.20	-0.03			
	Along Grid A1-E1	cum	4	0.60	0.20	0.20	-0.10			
	Along Grid A5-E5	cum	5	0.60	0.20	0.20	-0.12			
	Cut lintel									
	D1	cum	3	1.2	0.2	0.2	0.144			
	D2	cum	2	1.05	0.2	0.2	0.084			
						Total	74.81			
						Qty upto 125%	74.81	7623.00		**570278.99**
11	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (second Floor)									
	Roof Beams									
	FB1									
	Along grid 4	cum	1	21.00	0.2	0.50	2.10			
	Beyond grid 4	cum	1	21.00	0.2	0.50	2.10			
	Along grid 1	cum	1	21.00	0.2	0.50	2.10			
	Beyond grid 1	cum	1	21.00	0.2	0.50	2.10			
	Btw 2-3	cum	3	21.00	0.2	0.5	6.30			
	FB2									
	Along grid 2-2	cum	1	21.00	0.2	0.50	2.10			
	Along grid 3-3	cum	1	21.00	0.2	0.50	2.10			
	FB3									
	Along grid A5-E5	cum	1	19.10	0.2	0.50	1.91			
	FB4									
	Along grid A1-E1	cum	1	19.10	0.2	0.50	1.91			
	FB5									
	Along grid A4-E4	cum	1	19.10	0.3	0.60	3.44			
	Along grid A2-E2	cum	1	19.10	0.30	0.60	3.44			
	Along grid A3-E3	cum	1	19.10	0.30	0.60	3.44			
	FB6S									
	Staircase beam	cum	1	3.3.	0.20	0.50	0.10			
	A1	cum	1	0.2	0.5	2.5	0.3			
	A2	cum	1	0.2	0.5	2.5	0.3			
	A3	cum	1	0.2	0.5	2.5	0.3			
	A4	cum	1	0.2	0.5	2.5	0.3			
	A5	cum	1	0.2	0.5	2.5	0.3			
	B1	cum	1	0.2	0.6	2.5	0.3			
	B2	cum	1	0.2	0.6	2.5	0.3			
	B3	cum	1	0.2	0.6	2.5	0.3			
	B4	cum	1	0.2	0.6	2.5	0.3			
	B5	cum	1	0.2	0.6	2.5	0.3			
	C1	cum	1	0.2	0.5	2.5	0.3			
	C5	cum	1	0.2	0.5	2.5	0.3			
	C5	cum	1	0.2	0.5	2.5	0.3			
	D1	cum	1	0.2	0.6	2.5	0.3			
	D2	cum	1	0.2	0.6	2.5	0.3			
	D3	cum	1	0.2	0.6	2.5	0.3			
	D4	cum	1	0.2	0.6	2.5	0.3			

	D5	cum	1	0.2	0.6	2.5	0.3		
	E1	cum	1	0.2	0.5	2.5	0.3		
	E2	cum	1	0.2	0.5	2.5	0.3		
	E3	cum	1	0.2	0.5	2.5	0.3		
	E4	cum	1	0.2	0.5	2.5	0.3		
	E5	cum	1	0.2	0.5	2.5	0.3		
	B6	cum	1		0.13	2.5	0.3		
	C6	cum	2		0.13	2.5	0.6		
	D6	cum	1		0.13	2.5	0.3		
	roof slab								
	bottom of roof slab	cum	1	21.05	19.00	0.11	43.99		
	deductions								
	for staircase	cum	1	3.60	3.30	0.11	-1.31		
	Staircase								
	Waist slab	cum	2	1.20	2.40	0.20	1.152		
		cum	1	1.20	0.60	0.20	0.144		
	Rise and threads	cum	20	1.20		0.02	0.54		
				triangular area 0.5*0.3*0.15=0.022					
	landing	cum	2	1.20	1.20	0.15	0.432		
	Lintels								
	Through Lintel								
	Along grid 1-1	cum	1	21.05	0.20	0.200	0.84		
	Along grid 4-4	cum	1	21.05	0.20	0.200	0.84		
	Along Grid A1-E1	cum	1	19.10	0.20	0.200	0.8		
	Along Grid A5-E5	cum	1	19.10	0.20	0.200	0.8		
	Deductions								
	Column								
	Along Grid 1-1	cum	4	0.20	0.20	0.20	-0.03		
	Along Grid 4-4	cum	4	0.20	0.20	0.20	-0.03		
	Along Grid A1-E1	cum	4	0.60	0.20	0.20	-0.10		
	Along Grid A5-E5	cum	5	0.60	0.20	0.20	-0.12		
	Cut lintel								
	D1	cum	7	1.2	0.2	0.2	0.336		
	D2	cum	7	1.05	0.2	0.2	0.294		
						Total	89.15	7682.00	684830.56
12	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specification Terrace floor (Head room)									
	Not Executed								
13	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of Columns for mass concrete including cost of all materials, labour complete as per specificaitons and as per the directions of the Engineer-in-charge of the work .(GROUND FLOOR)								
	Footing								
	A1	sqm	1	8.60		0.45	3.87		
	A2	sqm	1	10.20		0.50	5.10		
	A3	sqm	1	10.20		0.50	5.10		
	A4	sqm	1	10.20		0.50	5.10		
	A5	sqm	1	8.60		0.45	3.87		

	B1	sqm	1	8.60		0.45	3.87		
	B2	sqm	1	11.40		0.60	6.84		
	B3	sqm	1	11.40		0.60	6.84		
	B4	sqm	1	11.40		0.60	6.84		
	B5	sqm	1	8.60		0.45	3.87		
	C1	sqm	1	8.60		0.45	3.87		
	C5	sqm	1	8.60		0.45	3.87		
	C5	sqm	1	8.60		0.45	3.87		
	D1	sqm	1	8.60		0.45	3.87		
	D2	sqm	1	11.40		0.60	6.84		
	D3	sqm	1	11.40		0.60	6.84		
	D4	sqm	1	11.40		0.60	6.84		
	D5	sqm	1	8.60		0.45	3.87		
	E1	sqm	1	8.60		0.45	3.87		
	E2	sqm	1	10.20		0.50	5.10		
	E3	sqm	1	10.20		0.50	5.10		
	E4	sqm	1	10.20		0.50	5.10		
	E5	sqm	1	8.60		0.45	3.87		
	B6	sqm	1	5.60		0.40	2.24		
	C6	sqm	2	5.60		0.40	4.48		
	D6	sqm	1	5.60		0.40	2.24		
	Pedestal								
	A1	sqm	1	2.20		2.80	6.16		
	A2	sqm	1	2.60		2.42	6.29		
	A3	sqm	1	2.60		2.50	6.50		
	A4	sqm	1	2.60		0.95	2.47		
	A5	sqm	1	2.20		2.26	4.97		
	B1	sqm	1	2.20		2.95	6.49		
	B2	sqm	1	2.60		2.21	5.75		
	B3	sqm	1	2.60		2.23	5.80		
	B4	sqm	1	2.60		0.78	2.03		
	B5	sqm	1	2.20		1.96	4.31		
	C1	sqm	1	2.20		2.45	5.39		
	C5	sqm	1	2.20		1.96	4.31		
	C5	sqm	1	2.20		1.80	3.96		
	D1	sqm	1	2.20		2.40	5.28		
	D2	sqm	1	2.60		2.35	6.11		
	D3	sqm	1	2.60		1.54	4.00		
	D4	sqm	1	2.60		1.55	4.03		
	D5	sqm	1	2.20		1.73	3.81		
	E1	sqm	1	2.20		2.32	5.10		
	E2	sqm	1	2.60		1.50	3.90		
	E3	sqm	1	2.60		1.85	4.81		
	E4	sqm	1	2.60		1.57	4.08		
	E5	sqm	1	2.20		0.60	1.32		
	B6	sqm	1	2.00		0.60	1.20		
	C6	sqm	2	2.00		0.60	2.40		
	D6	sqm	1	2.00		0.60	1.20		
						Total	**234.85**	**268.00**	**62938.73**

	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and as per the directions of the Engineer-in-charge of the work (GROUND FLOOR)								
	ground floor								
	For Plinth beam								
	Along Grid 1-1	sqm	2	20.85		0.50	20.85		
	Along Grid 2-2	sqm	2	20.85		0.50	20.85		
	Along Grid 3-3	sqm	2	20.85		0.50	20.85		
	Along Grid 4-4	sqm	2	20.85		0.50	20.85		
	Along Grid A1-E1	sqm	2	15.10		0.50	15.10		
	Along Grid A5-E5	sqm	2	15.10		0.50	15.10		
	Between grid 1-2 &4-3	sqm	12	3.30		0.50	19.80		
	Between grid 5-6	sqm	4	2.40		0.50	4.80		
	Between grid 5-6	sqm	4	3.60		0.50	7.20		
	plinth beam								
	bathroom								
		sqm	2	4.5		0.45	4.1		
		sqm	14	1.15		0.45	7.2		
		sqm	4	0.58		0.45	1.0		
		sqm	2	3.5		0.45	3.2		
		sqm	4	9.4		0.45	16.9		
	kitchen								
		sqm	2	8.25		0.45	7.4		
		sqm	2	2.8		0.45	2.5		
	Deduction								
	Columns								
	Along Grid 1-1	sqm	8	0.20		0.50	-0.80		
	Along Grid 2-2	sqm	8	0.60		0.50	-2.40		
	Along Grid 3-3	sqm	8	0.60		0.50	-2.40		
	Along Grid 4-4	sqm	8	0.20		0.50	-0.80		
						0.50			
	Along Grid A1-E1	sqm	8	0.60		0.50	-2.40		
	Along Grid A5-E5	sqm	10	0.60		0.50	-3.00		
	Between grid 1-2 &4-	sqm	6	0.60		0.50	-1.80		
	roof beams								
	FB1								
	Along grid 4	Sqm	2	20.85		0.50	20.85		
	Along grid 1	Sqm	2	20.85		0.50	20.85		
	Between grid 2-3	Sqm	6	20.85		0.50	62.55		
	FB2								
	Along grid 2-2	Sqm	2	20.85		0.50	20.85		
	Along grid 3-3	Sqm	2	20.85		0.50	20.85		
	FB3								
	Along grid A1-E1	Sqm	2	15.10		0.50	15.10		
	FB5								
	Along grid A2-E2	Sqm	2	15.10		0.60	18.12		
	Along grid A3-E3	Sqm	2	15.10		0.60	18.12		
	Along grid A4-E4	Sqm	2	15.10		0.60	18.12		
	FB4								
	Along grid A5-E5	Sqm	2	15.10		0.50	15.10		

	staircase beam	Sqm	2	3.3		0.60	3.96		
	entrance staircase								
	SB1	Sqm	4	1.8		0.27	1.94		
	SB2	Sqm	2	3.4		0.35	2.38		
						Total	412.93		
						Qty upto 125%	412.93	304.00	125530.11
15	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and as per the directions of the Engineer-in-charge of the work (First Floor)								
	Roof Beams								
	FB1								
	Along grid 4	sqm	2	21.00		0.50	21.00		
	Between grid 3-4	sqm	2	21.00		0.50	21.00		
	Beyond grid 4	sqm	2	21.00		0.50	21.00		
	Along grid 1	sqm	2	21.00		0.50	21.00		
	Between grid 1-2	sqm	2	18.45		0.50	18.45		
	Beyond grid 1	sqm	2	21.00		0.50	21.00		
	FB2								
	Along grid 2-2	sqm	2	21.00		0.50	21.00		
	Along grid 3-3	sqm	2	21.00		0.50	21.00		
	FB3								
	Along grid A5-E5	sqm	2	19.10		0.50	19.10		
	FB4								
	Along grid A1-E1	sqm	2	19.10		0.50	19.10		
	FB5								
	Along grid A4-E4	sqm	2	19.10		0.60	22.92		
	FB6								
	Along grid A2-B2	sqm	2	5.52		0.60	6.62		
	Along grid D2-E2	sqm	2	5.52		0.60	6.62		
	Along grid A3-B3	sqm	2	5.52		0.60	6.62		
	Along grid D3-E3	sqm	2	5.52		0.60	6.62		
	FB6S								
	Btw A2-B2_A3-B3	sqm	2	3.3		0.5	3.30		
	FB7								
	Btw 2-3	sqm	2	8.5		0.6	10.20		
	PRB1	sqm	4	5.2		0.3	6.24		
	PRB1	sqm	2	3.8		0.3	2.28		
	CB	sqm	2	3.8		0.15	1.14		
						Total	276.23		
						Qty upto 125%	253.05	310.00	78445.50
						Qty Above 125%	23.18	309.90	7182.22
16	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and as per the directions of the Engineer-in-charge of the work (second Floor)								
	Roof Beams								
	FB1								
	Along grid 4	cum	2	21.00		0.50	21.00		
	Beyond grid 4	cum	2	21.00		0.50	21.00		
	Along grid 1	cum	2	21.00		0.50	21.00		
	Beyond grid 1	cum	2	21.00		0.50	21.00		
	Btw 2-3	cum	6	21		0.5	63.00		
	FB2								
	Along grid 2-2	cum	2	21.00		0.50	21.00		
	Along grid 3-3	cum	2	21.00		0.50	21.00		
	FB3								